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B.S. DEPARTMENT OF LABOR

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material safety data sheet xx33

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MONSANTO COMPANY			(314) 694-1000	NO.	
800 North Lindhergh Bon	IP Code	. St. Lo	uis. Missouri 63166		
HEMEAL BANG AND SYNOHAMS			Skydrol LD	· Y	-
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While the information and recommendations set forth herein are believed to be accurate as of the date hereof, MONSANTO COMPANY MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

HOH: EPW: WPB

Monsanto

MONSANTO COMPANY DEPARTMENT OF MEDICINE & ENVIRONMENTAL HEALTH

TOXICITY INFORMATION

TOXICITY INFORMATION ON:	SKYDROL® LD (MCS 904)
10X10111 IXI 011111X1101X 01X.	fire resistant hydraulic fluid

TOXICITY

The rat acute oral LD50 of SKYDROL LD is 1.44 grams/kilogram. When held in continuous 24-hour contact with rabbit skin, the dermal LD50 was estimated to be between 3.16 grams/kilogram and 5.01 grams/kilogram. Thus, SKYDROL LD is considered to be slightly toxic by ingestion in single doses and by single dermal applications.

When 0.1 milliliter of undiluted SKYDROL LD was placed into the conjunctival sac of the rabbit eye, a slight degree of irritation resulted. The average maximum score, recorded 1 hour after treatment, was 6.0 on a scale of 110.0. All eyes had regained a normal appearance 24 hours after they were dosed.

A moderate degree of irritation resulted when SKYDROL LD was held in continuous 24-hour contact with intact rabbit skin. The average maximum score, recorded 24-hours after treatment, was 3.3 on a scale of 8.0.

Patch testing of SKYDROL LD in human volunteers produced changes compatible with the criteria of a fatiguing agent in six out of fifty subjects.

Rats were exposed to a stream of air which passed through SKYDROL LD and led directly into the experimental chamber. The animals survived both the 6-hour exposure and subsequent 10-day observation periods without observable effects.

HANDLING PRECAUTIONS

When applied repeatedly to the skin, SKYDROL LD can cause a drying, solvent-like action. For this reason, the following precautions are recommended.

Care should be taken to avoid contact with the eyes. In case of eye contact, flush immediately with large volumes of water. If irritation persists, consult a physician.

Repeated or prolonged skin contact with SKYDROL LD should be avoided. Special precautions should be taken to avoid contact with cuts and abraded skin. In case of skin contact, wash affected area thoroughly with soap and water.

SKYDROL LD has a low vapor pressure at room temperature and it is not expected to present a significant vapor inhalation hazard under ambient conditions. However, precautions should be observed to avoid inhalation of increased vapor concentrations which may occur if SKYDROL LD is used at elevated temperatures.

SKYDROL LD appears to possess no other acute toxicologic properties which would require special handling other than the good hygienic practices employed with any industrial chemical.

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The above information is based upon studies conducted for Monsanto Company. It is believed to be correct, and it is supplied to others upon the condition that the persons receiving it shall make their own determination of its suitability for their purposes. No warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from its use.

inquiries regarding this information are to be referred to the Department of Medicine & Environmental Health, 800 N. Lindbergh, St. Louis, Mo. 63166, (314) 694-1000.